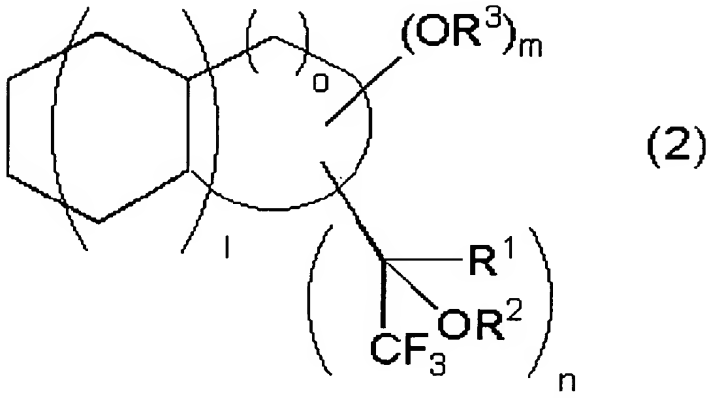
Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Cancelled)

2. A fluorine-containing compound represented by the formula 2,



(2)

where R^1 is a methyl group or trifluoromethyl group,

each of R^2 and R^3 is independently a hydrogen atom or a group containing (a) a hydrocarbon group having a straight-chain, branched or ring form and having a carbon atom number of 1-25 or (b) an aromatic hydrocarbon group, each of the hydrocarbon group and the aromatic hydrocarbon group independently optionally containing at least one of a fluorine atom, an oxygen atom and a carbonyl bond,

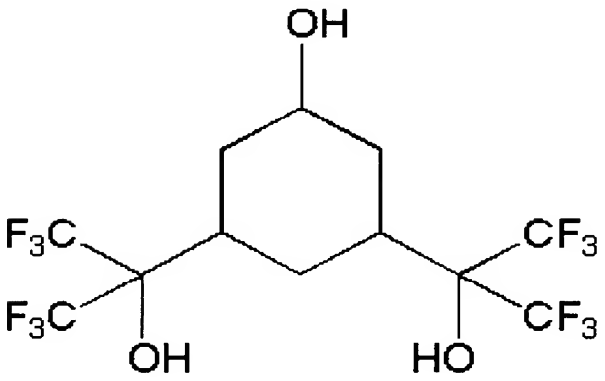
l is an integer of from 0 to 2, each of m and n is independently an integer of 1-9 and o is an integer of 1-8 to satisfy an expression of $m+n \leq o+2$, and

when at least one of R^1, R^2 and R^3 is in a plural number, the at least one of R^1, R^2 and R^3 may be identical with or different from each other.

3 (Cancelled)

4. (Cancelled)

5. (Original) A fluorine-containing compound represented by the formula 5.



(5)

6. (Cancelled)

7. (Original) A compound according to claim 2, wherein at least one of R^2 and R^3 comprises (a) a functional group selected from the group consisting of vinyl group, allyl group, acryloyl group, and methacryloyl group, or (b) a substituent having at least one fluorine atom substituted for a part or all of hydrogen atoms of the functional group.

8. (Cancelled)

9. (Original) A compound according to claim 2, wherein at least one of R^2 and R^3 comprises a substituent selected from the group consisting of trifluorovinyl group, difluorotrifluoromethylvinyl group, fluoroacryloyl group, trifluoromethylacryloyl group, and nonylfluorobutylacryloyl group.

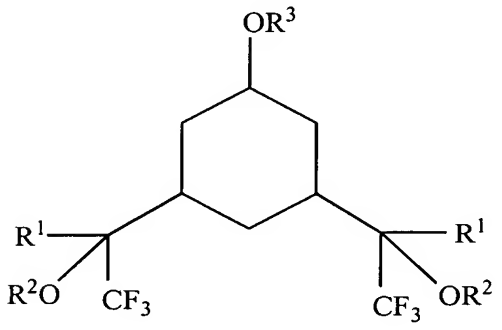
10. (Cancelled)

11. (Cancelled)

12. (Original) A compound according to claim 2, wherein at least one of R^2 and R^3 comprises an acid-labile protecting group that optionally contains at least one of an oxygen atom, a carbonyl bond and a fluorine atom.

13-16. (Cancelled)

17. (New) A fluorine-containing compound represented by the following formula,



where R^1 is a methyl group or trifluoromethyl group,

each of R^2 and R^3 is independently a hydrogen atom or a group containing (a) a hydrocarbon group having a straight-chain, branched or ring form and having a carbon atom number of 1-25 or (b) an aromatic hydrocarbon group, each of the hydrocarbon group and the aromatic hydrocarbon group independently optionally containing at least one of a fluorine atom, an oxygen atom and a carbonyl bond.

18. (New) A compound according to claim 17, wherein R^1 is a trifluoromethyl group.

19. (New) A compound according to claim 17, wherein at least one of R^2 and R^3 comprises (a) a functional group selected from the group consisting of vinyl group, allyl group, acryloyl group, and methacryloyl group, or (b) a substituent having at least one fluorine atom substituted for a part or all of the hydrogen atoms of the functional group.

20. (New) A compound according to claim 17, wherein at least one of R^2 and R^3 comprises a substituent selected from the group consisting of trifluorovinyl group, difluorotrifluoromethylvinyl group, fluoroacryloyl group, trifluoromethylacryloyl group, and nonylfluorobutylacryloyl group.

21. (New) A compound according to claim 17, wherein at least one of R^2 and R^3 comprises an acid-labile protecting group that optionally contains at least one of an oxygen atom, a carbonyl bond and a fluorine atom.